



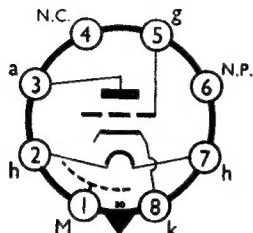
TRIODE

6.3V INDIRECTLY HEATED

L63

APRIL, 1952

BASE CONNECTIONS AND VALVE DIMENSIONS



View from underside
of base.

Base : International Octal.

Bulb : Tubular.

Overall length : 88—98 mm.

Seated length : 74—84 mm.

Max. diameter : 34 mm.

RATING

V_h	6.3	V
I_h	0.3	A
V_a	250 max.	V
p_a	2.5 max.	W
μ	At $V_a = 250$, $V_g = -8$	k Ω
r_a		
g_m		
	20	
	7.7	
	2.6	mA/V

CAPACITANCES (of screened valve)

c_{g-k}	3.7	pF	c_{a-k}	2.9	pF	c_{g-a}	4.2	pF
-----------	-----	----	-----------	-----	----	-----------	-----	----

TYPICAL OPERATION

V_a (b)	250	250	V
R_L	50	50	k Ω
V_g	-1.9	-1.9	V
I_a	3.2	3.2	mA
R_k	600	600	Ω
v_{out} (pk)	35	55	V
D_{tot}	2	5	%
V_{gain}	16	16	

